

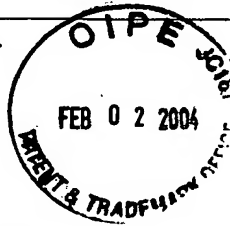
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Terao et al.

Application No.: 10/632,625

Filed: August 1, 2003

Title: COMPACT MICRO-CONCENTRATOR  
FOR PHOTOVOLTAIC CELLS



Attorney Docket No.: SPRCP012/S0016

Examiner: Unknown

Group: 1753

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail on 1/27/04 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Signed: 

Kristina Gomez

**INFORMATION DISCLOSURE STATEMENT  
37 CFR §§1.56 AND 1.97(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449, copies of which are attached, may be material to examination of the above-identified patent application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make these references of official record in this application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

This Information Disclosure Statement is: (i) filed within three (3) months of the filing date of the above-referenced application, (ii) believed to be filed before the mailing date of a first Office Action on the merits, or (iii) believed to be filed before the mailing of a first Office Action after the filing of a Request for Continued Examination under §1.114. Accordingly, it is believed that no fees are due in connection with the filing of this Information Disclosure Statement. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 500388 (Order No. SPRCP012).

Respectfully submitted,  
BEYER WEAVER & THOMAS, LLP

  
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<b>Form 1449 (Modified)</b>  <b>Information Disclosure</b> <b>Statement By Applicant</b>  (Use Several Sheets if Necessary)	Atty Docket No.	SPRCP012/S0016
	Application No.:	10/632,625
	Applicant	Terao et al.
	Filing Date	08/01/2003
	Group	1753

#### U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	A.	2002/0080084 A1	06/2002	Strickland			
	B.						
	C.						

#### Foreign Patent or Published Foreign Patent Application

Examiner Initial		Document No.	Publication Date	Country or Patent Office	Class	Sub-Class	Translation	
							Yes	No
	D.							
	E.							

#### Other Documents

Examiner Initial	No.	Author, Title, Place (e.g. Journal) of Publication, Date
	F.	Mulligan et al., "Development of Chip-Size Silicon Solar Cells," Proceedings of the 28 <sup>th</sup> IEEE Photovoltaic Specialists Conference, Anchorage, Alaska, 2000, pp. 158-163.
	G.	Mulligan et al., "A Flat-Plate Concentrator: Micro-Concentrator Design Overview," Proceedings of the 28 <sup>th</sup> IEEE Photovoltaic Specialists Conference, Anchorage, Alaska, 2000, pp. 1495-1497.
	H.	Mulligan et al., "A Mirror-Less Design for Micro-Concentrator Modules," Proceedings of the 28 <sup>th</sup> IEEE Photovoltaic Specialists Conference, Anchorage, Alaska, 2000, pp. 1416-1419.
	I.	Mulligan et al., "Degradation of Surface Quality Due to Anti-Reflective Coating Deposition on Silicon Solar Cells," Proceedings of the 28 <sup>th</sup> IEEE Photovoltaic Specialists Conference, Anchorage, Alaska, 2000, pp. 295-298.
	J.	Terao et al., "New Developments on the Flat-Plate Micro-Concentrator Module," Proceedings of the 3 <sup>rd</sup> World Conference on Photovoltaic Energy Conversion, Osaka, Japan, 2003.
	K.	Terao et al., "Recent Developments on the Flat-Plate Micro-Concentrator Module," Proceedings of the 29 <sup>th</sup> IEEE Photovoltaic Specialists Conference, New Orleans, 2002.
Examiner		Date Considered

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.